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# A List of Scientific Papers : Published in Other Journals by the Staff of the Institute and their Co-workers during the Year 1955

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## A List of Scientific Papers

### Published in Other Journals by the Staff of the Institute and their Co-workers during the Year 1955

(Papers marked with (\*) are written in English, otherwise  
they are written in Japanese)

- Ikutaro SAWAI, Katsuaki TAKAHASHI and Hiroshi JINNO : Studies on Glass Tank Furnace. (III). Role of the Convection Current. *Memoirs of the Faculty of Engineering, Kyoto University*, **17**, 186.
- Ikutaro SAWAI, Kaoru UMEYA, Tomozo NISHIKAWA and Susumu KAWAMOTO : On the Dynamic Measurement of the Casting Process. *Zairyo Shiken (Journal of Japan Society for Testing Materials)*, **4**, 447.
- Ikutaro SAWAI, Kaoru UMEYA, Tomozo NISHIKAWA and Susumu KAWAMOTO : On the Viscosity Measurement of High Concentrated Clay Slips. *Ibid.*, **4**, 581.
- Ikutaro SAWAI and Toshio MAKI : Some Properties of the Clinker of the System  $\text{BaO-Al}_2\text{O}_3\text{-SiO}_2$ . *Ibid.*, **4**, 576.
- Yuzo INOUE, Yasuhiko TAKESHITA and Minoru OHNO : Studies on Synthetic Pyrethroids. Part V. Synthesis of Geometrical Isomers of Chrysanthemum Dicarboxylic Acid. *Botyu-Kagaku (Scientific Insect Control)*, **20**, 102.
- \*Yuzo INOUE, Yasuhiko TAKESHITA and Minoru OHNO : Studies on Synthetic Pyrethroids. Part V. Synthesis of Geometrical Isomers of Chrysanthemum Dicarboxylic Acid. *Bulletin of the Agricultural Chemical Society of Japan*, **19**, 193.
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- Yuzo INOUE and Minoru OHNO : Studies on Synthetic Pyrethroids. Part VII. Reduction of Chrysanthemum Carboxylic Acids by Lithium Aluminum Hydride. *Ibid.*, **20**, 149.
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- Sumio NAGASAWA : On the Relation between the Time until the Glass Slide is pulled out after the Spray of  $p,p'$ -DDT Kerosene Solution in the Settling Mist Apparatus and the Knockdown Time of Adults of the Common House Fly, *Musca domestica vicina* Macq. Studies on the Biological Assay of Insecticides. XXXV. *Botyu-Kagaku (Scientific Insect Control)*, **20**, 90.
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- Sumio NAGASAWA : Problems on the Breeding of Insects for Biological Assay of Insecticides. VIII. On the Growth of the Head Capsule between Instars in Larvae of the Common Cab-

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- Hajime FUJIMURA *et al.* : Pharmacological Studies on the Aminocyclohexane Derivatives. (3). *Ibid.*, 51, 199.
- Tomio SEGAWA : The Effect of Some Drugs on the Conduction Velocity in Toad Heart Muscle. *Ibid.*, 51, 682.
- \*Kikuo OGIU, Akira YANAI *et al.* : The Action of Morphine and Strychnine on the Spinal Reflex Response of the Cat. *Japanese Journal of Pharmacology*, 5, 48.
- Kikuo OGIU, Hajime FUJIMURA *et al.* : Pharmacological Studies of Aminocyclohexane Derivatives. (2). Local Anesthetic Action, Spasmolytic Action, and Supplementary Analgesic Action. *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, 75, 336.
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- \*Ren KIMURA, Yohei ITO and Yoshikatsu OZAKI : An Electron Microscopic Study on the Thiamine Decomposing Bacterium, *Bacillus aneurinolyticus* Kimura et Aoyama. *Journal of Vitaminology*, 1, 61.
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- \*Hideo KATAGIRI and Kazutami IMAI : Studies on Lactic Acid Fermentation. Part 1. *Bulletin of the Agricultural Chemical Society of Japan*, 19, 9; Part 2. *Ibid.*, 19, 15.
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- Ichiro SAKURADA and Yasuhiko NUKUSHINA: X-Ray Estimation of Crystallinity of Polyvinyl Alcohol Films with a Counter. *Ibid.*, **12**, 483.
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- Ichiro SAKURADA, Noboru MORI, Takeshi TANAKA, Kiyoshi SAKURAI and Osamu YASUTAKE: Studies on the Improvement of Tensile Recovery of Vinyon. (IV). Elastic Recovery of Polyvinyl Alcohol Fibers after Acetalization with Various Aldehyde. *Ibid.*, **11**, 526.
- Noboru MORI, Takeshi TANAKA, Naobumi NAKAMURA and Kiyoshi SAKURAI: Studies on the Improvement of Tensile Recovery of Vinyon. (V). Some Properties of Nonalized Polyvinyl Alcohol Fibers (Vinyon N) and Mixes Acetalization with Nonylaldehyde and Formaldehyde. *Ibid.*, **11**, 531.
- Noboru MORI, Takeshi TANAKA and Koji FUKUMI: Studies on the Polyvinyl Chloride Fiber with Different Degrees of Polymerization and Composition. *Ibid.*, **11**, 530.
- Michiharu NEGISHI, Ichiro SEKIGUCHI, Noboru MORI and Sadayuki OKADA: Preparation of Synthetic Fibers from a Mixture of Polyvinyl Alcohol and Polyvinyl Cyanoethyl Ether. *Ibid.*, **11**, 384.
- Kiyoshi HIRABAYASHI: Fine Structure of Polyvinyl Alcohol Fiber. *Kasen Koenshu (Reports of the Research Institute of Chemical Fiber)*, **12**, 9.
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- Masayoshi ISHIBASHI, Taitiro FUJINAGA, Takashi TATSUMI and Kiyoshi HIROSE: Studies on the Controlled Potential Electrolysis. VII. Electrolytic Determination of Nickel in the Presence of Zinc. *Ibid.*, **4**, 365.
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- Tatsuo KARIYONE and Shun-ichi NAITO: Studies on the Components of *Carpesium abrotanoides*. III. Chemical Structure of Carpesia Lactone (2). *Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan)*, **75**, 39; IV. Chemical Structure of Carpesia Lactone (3). *Ibid.*, **75**, 93.
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